

DUKE ENERGY'S RENEWABLE & CLEAN ENERGY INITIATIVES

WIND

- Duke Energy generates more than 1,000 megawatts (MW) of electricity at 10 wind farms it owns in Colorado, Pennsylvania, Texas, Wisconsin and Wyoming.
- Duke Energy provides wind-generated electricity for up to 15 percent of Walmart's 360 buildings in Texas.
- Duke Energy has invested more than \$1.5 billion to grow its wind power business since 2007.
- Duke Energy buys up to 100 MW of electricity from a wind farm in Indiana.

SOLAR

- Duke Energy owns a 14-MW solar farm in Texas and two 1-MW solar farms in North Carolina.
- Duke Energy buys electricity from an independently owned North Carolina solar farm – the state's largest at 16 MW.
- Duke Energy installed photovoltaic panels on office buildings, manufacturing plants, schools and warehouses to create an 8-MW solar generation network in North Carolina.

HYDRO

- Duke Energy maintains 3,200 MW of hydroelectric capacity as the second-largest, investor-owned hydro operator in the U.S. The company owns and operates an additional 2,900 MW of hydro in South America.

BIOMASS

- Duke Energy is testing the use of biomass mixed with coal at some of its traditionally all-coal power plants.

LANDFILL GAS

- Duke Energy buys 31 MW of electricity generated by the combustion of methane gas from decaying garbage at two landfills in North Carolina and South Carolina.

ELECTRIC VEHICLES

- Duke Energy is working closely with automakers, utilities and regional governments to prepare for the potential widespread adoption of electric vehicles.

ENERGY EFFICIENCY

- Duke Energy is investing \$1 billion in smart grid technology to improve the efficiency of its substations, power lines and electric and gas meters.
- Duke Energy operates major energy efficiency programs to help its 4 million customers in North Carolina, South Carolina, Indiana, Ohio and Kentucky use less electricity, without impacting comfort or convenience.

THE FUTURE

- Duke Energy is studying ways to use renewable energy and energy efficiency programs to potentially meet nearly 25 percent of its customers' electricity needs by 2030.